

Notice of Allowability

Application No.

09/735,795

Examiner

Ramy M. Osman

Applicant(s)

TOMIKAWA, ET AL.

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/20/2006.
2. ☒ The allowed claim(s) is/are 1-3,9 and 11.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ here to or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


ARIQ ETIENNE
PRIMARY EXAMINER

DETAILED ACTION

Status of Claims

1. This communication is responsive to amendment filed on January 20, 2006, where applicant amended claims 1,9,11, and cancelled claims 4,6-8,10,12. Claims 1-3,9,11 are pending.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Pitcher (Reg. No. 25908) on March 31, 2006. (see Interview Summary)

The application has been amended as follows:

Claim 1 (Amended): An input/output control system for controlling the input and output of commands from a plurality of consoles to a server, comprising:

an input/output status controller, based on control tables, controlling an input/output status of commands from respective consoles to the server so that only one console at a time is allowed to have input privilege and other of the consoles are allowed to have output privileges;

an input/output controller, based on privilege control tables, controlling the input/output of commands based on the input/output status so that the commands from the an input privileged

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consoles are sent to the server, and response messages or results of execution from the server are sent to the input privileged console and the output privileged consoles; and

a switching mechanism, after receiving the results of execution, automatically switching the input privileged console to having the output privilege ~~after receiving the results of the execution.~~

Claim 9 (Amended): A computer readable storage medium storing a program for implementing with a computer a method of controlling command input/output from a plurality of consoles to a server, the method comprising:

receiving commands input from the plurality of consoles;

updating an input status of the server in response to a first command received from a first console;

controlling, based on control tables, the input status of the server to exclude input of other commands to the server while in the updated input status,

wherein only one console at a time is allowed to have input privilege and other of the consoles are allowed to have output privilege with the server;

controlling, based on privilege control tables, the input/output of commands based on an input/output status so that the commands from the an input privileged console are sent to the server, and the response messages or the results of execution from the server are sent to the input privileged console and the output privileged consoles; and

automatically switching, after receiving the results of execution at a switching mechanism, the input privileged console to having the output privilege ~~after receiving the results of the execution.~~

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Claim 11 (Amended): A method of controlling command input/output from a plurality of consoles to a server, the method comprising:

receiving commands input from the plurality of consoles;

updating an input status of the server in response to a first command received from a first console;

controlling, based on control tables, the input status of the server to exclude input of other commands to the server while in the updated input status,

wherein only one of the plurality of consoles at a time is allowed to have input privilege and other of the consoles are allowed to have output privilege with the server;

controlling, based on privilege control tables, the input/output of commands based on an input/output status so that the commands from the an input privileged console are sent to the server, and the response messages or the results of execution from the server are sent to the input privileged console and the output privileged consoles; and

automatically switching, after receiving the results of execution at a switching mechanism, the input privileged console to having the output privilege ~~after receiving the results of the execution.~~

Allowable Subject Matter

3. Claims 1-3,9,11 are allowed.
4. For reasons of allowance, refer to applicants remarks dated 1/20/2006.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Patent No US006463460B1, Simonoff teaches collaboration between users based on privilege levels.

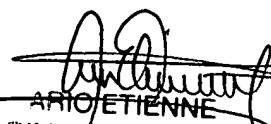
Patent No 3,919,483, Gindi et al teaches a controller controlling input/output time slots to processing systems and subsystems.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramy M. Osman whose telephone number is (571) 272-4008. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RMO
March 31, 2006


ARIO ETIENNE
PRIMARY EXAMINER